# RECIPROCAL, MAINTENANCE FREE COMMUNITY MEMBERSHIP DATA MANAGEMENT SYSTEM
## Abstract

The present community membership data management system identifies each
5      user and their associated communities of interest.  Each community has a user
defined permission to access a subset of the user's data, which data is shared among
some or all of the members of that community.  When the user's data is updated, the
update is automatically propagated to all of the identified associated communities of
interest and the members of those communities who have permission to receive that
10     data.  Thus, each user of the present community membership data management
system has their computerized calendar and address book system automatically
populated with data, which data is continuously and automatically updated.  The
confidentiality and security of the user data is maintained by defining a set of
permissions among the communities, members of communities and for each user to
15     ensure that the user maintains control of the propagation of their data.  Each user
therefore maintains a "virtual user image" in each of the communities, where the
members of that community view only one aspect of the user's personal data.